TRAINING EVALUATION OPERATE THE CRANE ON THE M1074 PLS TRUCK

NAME	RANK	UNIT		
EVALUATOR		DATE		
<u>STEPS</u>			GO	NO-GO
PREPARE CRANE FOR USE:				
1. STARTS ENGINE.				
2. POSITIONS VEHICLE ON LE FLATRACK SO ALL LOADIN FROM ONE POSITION.				
3. PUTS TRANSMISSION RANC PULLS PARKING BRAKE CO		POSITION AND		
4. ENSURES HYDRAULIC SELI POSITION.	ECTION SWITCH IS II	N OFF		
5. PUSHES SRW/CRANE SWITC CRANE OPERATION.	CH TO CRANE POSIT	ION FOR		
6. SETS ENGINE AT IDLE BEFO SWITCH.	ORE USING HYDRAU	LIC SELECTOR		
7. SETS THE HYDRAULIC SELEPOSITION.	ECTOR SWITCH TO (CRANE/SRW		
8. SETS THE CRANE MAIN PO	WER SWITCH TO ON	POSITION.		
9. PRESSES ENGINE HIGH IDL RELEASES.	E LATCH BUTTON TO	O LATCH AND		
SET UP OUTRIGGERS:				
10. REMOVES TWO SAFETY PL CRANE SUBFRAME.	INS AND OUTRIGGEI	R PAD FROM		
11. REMOVES TWO RETAININ	G PINS FROM OUTRI	GGER PAD.		
12. CLEANS ALL FOREIGN MA OUTRIGGER PAD AND FRO CYLINDER.				
13. POSITIONS OUTRIGGER PA JACK CYLINDER.	AD DIRECTLY BELOV	W OUTRIGGER		
14. REPEATS STEPS 10 THROU PAD ON THE OTHER SIDE.	JGH 13 TO SET UP TH	E OUTRIGGER		

<u>STI</u>	EPS	GO	NO-GO
15.	MOVES LEFT OUTRIGGER JACK CONTROL LEVER (ON LEFT SIDE OF TRUCK) TO DOWN POSITION AND LOWERS OUTRIGGER JACK CYLINDER UNTIL BALL END IS SEATED IN OUTRIGGER PAD.		
16.	INSTALLS RETAINING PINS IN OUTRIGGER PAD.		
17.	MOVES RIGHT OUTRIGGER JACK CONTROL LEVER (ON RIGHT SIDE OF TRUCK) TO DOWN POSITION AND LOWERS OUTRIGGER JACK CYLINDER UNTIL BALL END IS SEATED IN OUTRIGGER PAD.		
18.	INSTALLS RETAINING PINS IN OUTRIGGER PAD.		
19.	MOVES LEFT AND RIGHT OUTRIGGER JACK CONTROL LEVERS TO DOWN POSITION. LOWERS LEFT AND RIGHT OUTRIGGER JACK CYLINDERS UNTIL TRUCK WEIGHT IS OFF SUSPENSION. EXTENDS JACKS INDIVIDUALLY AS NECESSARY TO LEVEL THE TRUCK SIDE-TO-SIDE.		
RA	ISE AND OPERATE CRANE:		
20.	MOVES HOIST CONTROL LEVER TO DOWN POSITION AND LOWERS HOIST CABLE ABOUT 4 INCHES.		
21.	PULLS LOCK PIN FROM LOWER HOLE OF LOAD HOOK AND INSTALLS IN UPPER HOLE.		
22.	DISCONNECTS LOAD HOOK FROM HOOK BLOCK TIE-DOWN.		
23.	OBSERVES BOOM ANGLE INDICATOR AND OPERATES BOOM CONTROL LEVER IN UP POSITION UNTIL BOOM IS ABOUT 45 DEGREES ABOVE HORIZONTAL.		
24.	OPERATES MAST CONTROL LEVER IN UP POSITION UNTIL MAST IS FULLY EXTENDED AND BOOM IS APPROXIMATELY IN A HORIZONTAL POSITION.		
25.	MOVES BOOM LEVER UNTIL INDICATOR READS 0 DEGREES.		
26.	MOVES SWING CONTROL TO COUNTERCLOCKWISE POSITION TO MOVE BOOM COUNTERCLOCKWISE.		
27.	MOVES SWING CONTROL TO CLOCKWISE POSITION TO MOVE BOOM CLOCKWISE.		
28.	MOVES TELESCOPE CONTROL LEVER TO OUT POSITION TO EXTEND BOOM WHILE MOVING HOIST CONTROL LEVER TO DOWN POSITION TO PAY OUT HOIST CABLE AS REQUIRED TO PREVENT HOOK BLOCK FROM CONTACTING BOOM NOSE.		

<u>STEPS</u>		GO	NO-GO
29.	REFERS TO RANGE DIAGRAM DATA PLATE ABOVE RIGHT- HAND CRANE CONTROL PANEL TO MOVE BOOM TO CORRECT LOAD RADIUS BEFORE CONNECTING TO LOAD.		
OP	ERATE CRANE WITH REMOTE CONTROL UNIT:		
30.	REMOVES REMOTE CONTROL UNIT FROM STOWAGE BOX AND CABLE FROM BEHIND PASSENGER SEAT.		
31.	PUTS THE REMOTE UNIT STRAP AROUND NECK AND OVER SHOULDERS TO WEAR REMOTE CONTROL UNIT.		
32.	REMOVES COVERS FROM CABLE CONNECTOR AND REMOTE CONTROL UNIT RECEPTACLE. CLEANS ANY DIRT OR WATER FROM CABLE CONNECTOR.		
33.	CONNECTS THE CABLE CONNECTOR TO REMOTE CONTROL UNIT RECEPTACLE.		
34.	ENSURES REMOTE CONTROL/EMERGENCY STOP/ON/OFF POWER SWITCH IS IN OFF POSITION AND SWITCH GUARD CLOSED BEFORE CONNECTING REMOTE CONTROL UNIT.		
35.	REMOVES COVER FROM RIGHT-HAND OR LEFT-HAND REMOTE CONTROL CONNECTOR OUTLET AND COVER FROM OTHER END OF CABLE CONNECTOR. CLEANS ANY DIRT OR WATER FROM CABLE CONNECTOR.		
36.	CONNECTS THE CABLE CONNECTOR TO RIGHT-HAND LEFT-HAND REMOTE CONTROL CONNECTOR OUTLET.		
37.	ENSURES THE CRANE POWER SWITCH IS ON.		
38.	SETS THE REMOTE CONTROL EMERGENCY STOP/ON/OFF POWER SWITCH TO ON POSITION.		
39.	MAINTAINS CONTROL OF LOAD AT ALL TIMES.		
40.	OPERATES CONTROL LEVERS WITH LIGHT, EVEN PRESSURE.		
41.	KEEPS HOOK BLOCK AT LEAST 2 FEET FROM END OF BOOM.		
42.	DOES NOT LET CABLE BECOME SLACK.		
43.	CENTERS END OF BOOM DIRECTLY OVER LOAD.		
44.	DOES NOT DRAG LOAD SIDEWAYS ON GROUND.		
DIS	CONNECT REMOTE CONTROL UNIT:		
45.	PUTS REMOTE CONTROL ON/OFF/EMERGENCY STOP POWER SWITCH TO OFF POSITION AND DISCONNECTS LOAD.		

<u>STEPS</u>		GO	NO-GO
46.	DISCONNECTS THE CABLE CONNECTOR FROM RIGHT-HAND OR LEFT-HAND REMOTE CONTROL CONNECTOR OUTLET AND INSTALLS COVERS ON OUTLET AND CABLE CONNECTOR.		
47.	DISCONNECTS THE CABLE CONNECTOR FROM REMOTE CONTROL UNIT RECEPTACLE AND INSTALLS COVERS ON RECEPTACLE AND CABLE CONNECTOR.		
48.	PUTS REMOTE CONTROL UNIT IN STORAGE BOX AND COILED CABLE BEHIND PASSENGER SEAT.		
SHU	JT DOWN CRANE:		
49.	IF THE CRANE MAIN POWER SWITCH HAS BEEN TEMPORARILY TURNED OFF FOLLOWING CRANE OPERATIONS, REPOWERS THE CRANE AND RESETS ENGINE HIGH IDLE. OTHERWISE PROCEEDS WITH STEP 50.		
50.	MOVES THE TELESCOPE CONTROL LEVER TO IN POSITION TO PULL BOOM EXTENSIONS IN AND MOVES HOIST CONTROL LEVER TO UP POSITION TO REEL IN HOIST CABLE.		
51.	CONTINUES UNTIL BOOM EXTENSIONS ARE FULLY RETRACTED AND LOAD HOOK HANGS ABOUT 8 INCHES BELOW BOOM NOSE.		
52.	OPERATES SWING CONTROL LEVER TO ALIGN HOOK BLOCK WITH HOOK BLOCK TIE-DOWN.		
53.	MOVES MAST CONTROL LEVER TO DOWN POSITION TO LOWER MAST UNTIL MAST IS COMPLETELY FOLDED DOWN.		
54.	MOVES BOOM CONTROL LEVER TO DOWN POSITION UNTIL BOOM COMES TO REST ON MAST REST PAD.		
55.	CONNECTS LOAD HOOK TO HOOK BLOCK TIE-DOWN. REMOVES PIN FROM UPPER HOLE AND INSTALLS IT IN LOWER HOLE.		
56.	MOVES HOIST CONTROL LEVER IN UP POSITION TO REMOVE SLACK FROM HOIST CABLE.		
STC	OW OUTRIGGERS:		
57.	REMOVES TWO RETAINING PINS FROM EACH OUTRIGGER PAD.		
58.	MOVES LEFT AND RIGHT OUTRIGGER JACK CONTROL LEVERS TO UP POSITION TO RETRACT OUTRIGGER JACK CYLINDERS COMPLETELY.		
59.	INSTALLS TWO RETAINING PINS IN EACH OUTRIGGER PAD.		

STEPS 60. STOWS OUTRIGGER PADS ON CRANE SUBFRAME STUDS. 61. INSTALLS SAFETY PINS THROUGH CRANE SUBFRAME STUDS. 62. PUSHES ENGINE HIGH IDLE LATCH SWITCH TO UNLATCH POSITION AND RELEASES. 63. TURNS CRANE MAIN POWER SWITCH TO OFF POSITION. 64. SETS HYDRAULIC SELECTION SWITCH TO OFF POSITION. 65. CONTINUES WITH MISSION.